

Sheet 1 of 2

FORM PTO-1449

(REV. 8-83)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 9425a

SERIAL NO.  
10/780,099**INFORMATION DISCLOSURE CITATION**

(use several sheets if necessary)

APPLICANT Willis et alFILING DATE 02/17/2004GROUP 2859**U.S. PATENT DOCUMENTS**

Examiner's Initials	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
<u>ARC</u>	<u>3,746,285</u>	<u>07/17/1973</u>	<u>Mango</u>	<u>          </u>	<u>          </u>	
	<u>3,941,079</u>	<u>03/02/1976</u>	<u>McNeill</u>	<u>          </u>	<u>          </u>	
	<u>4,042,882</u>	<u>08/16/1977</u>	<u>Camacho</u>	<u>          </u>	<u>          </u>	
	<u>4,295,438</u>	<u>10/20/1981</u>	<u>Porter</u>	<u>          </u>	<u>          </u>	
	<u>4,415,433</u>	<u>11/22/1983</u>	<u>Belilna</u>	<u>          </u>	<u>          </u>	
	<u>4,551,106</u>	<u>11/05/1985</u>	<u>Prager</u>	<u>          </u>	<u>          </u>	
	<u>4,560,356</u>	<u>12/24/1985</u>	<u>Burr</u>	<u>          </u>	<u>          </u>	
	<u>4,586,456</u>	<u>05/06/1986</u>	<u>Forward</u>	<u>          </u>	<u>          </u>	
	<u>4,696,252</u>	<u>09/29/1987</u>	<u>Grill</u>	<u>          </u>	<u>          </u>	
	<u>4,787,575</u>	<u>11/29/1988</u>	<u>Stewart</u>	<u>          </u>	<u>          </u>	
	<u>4,800,835</u>	<u>01/31/1989</u>	<u>Mears</u>	<u>          </u>	<u>          </u>	
<u>✓</u>	<u>4,815,677</u>	<u>03/28/1989</u>	<u>Rushing et al</u>	<u>          </u>	<u>          </u>	

**FOREIGN PATENT DOCUMENTS**

Document Number	Date	Country	Class	Subclass	Translation (yes or no)

**OTHER DOCUMENTS**

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Amc	4,903,958	02/27/1990	DiCarlo et al			
	4,911,379	03/27/1990	Kopelman			
	4,971,041	04/17/1990	Welswurm et al			
	4,917,646	04/17/1990	Kieves			
	4,944,242	07/31/1990	Russell			
↓	5,582,127	12/10/1996	Willis et al			

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